

**Ameren Services**

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December 3, 2008

Ex. 6 Personally Identifiable Information

Champaign, IL 61820

**Re: Soil Vapor Data Summary and Conclusions for  
Champaign, Illinois**

Ex. 6 Personally Identifiable Information



Dear Ms. Sibley:

On October 15, 2008, Ameren collected soil vapor data from three probes that were installed next to your rental property at Ex. 6 Personally Identifiable Information Champaign, IL. Figure 1 shows the locations of soil vapor samples. This was done to help us determine if the chemical vapors associated with the former manufactured gas plant (MGP) site near 308 N. 5<sup>th</sup> Street can enter the residence at levels that may pose a threat.

Based on the data collected and described below, we conclude that there is no significant risk of exposure to the occupants of the residence due to soil vapors from any residual soil or groundwater impacts due to the AmerenIP MGP.

Following is a list of volatile chemicals potentially associated with former MGP operations:

Benzene	m,p-Xylenes	Styrenes
Toluene	o-Xylene	
Ethylbenzene	Naphthalene	

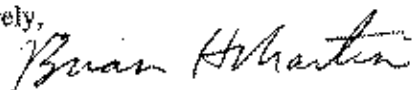
Indoor Inhalation is not an exposure pathway that Ameren is currently required to evaluate under the Illinois Environmental Protection Agency (IEPA) Site Remediation Program. Nevertheless, Ameren wants to be responsive to our neighbors' concerns. Therefore, we have voluntarily followed the IEPA's draft regulations that establish Tier 1 Remediation Objectives (ROs) for vapors that may migrate into homes from subsurface soil or groundwater impacts. If the measured site concentrations are below the ROs, then such conditions do not pose a health concern to the residents.

Table 1 presents the soil vapor analytical results measured in vapor sampled from the three borings near your rental property and the Tier 1 soil gas ROs for above chemicals. As you can see, the soil vapor concentrations measured next to the residence are well below the Tier 1 soil gas ROs. This indicates that the subsurface impacts do not present a health concern to the residents.

We plan to submit a comprehensive report describing the installation of the borings as well as a detailed evaluation of the results in December 2008. However, in the interim we have prepared this letter for your information because we know you are concerned about the MGP chemicals potentially entering the residence at Ex. 6 Personally Identifiable Information Champaign, IL. However, these data clearly show the absence of any health risk.

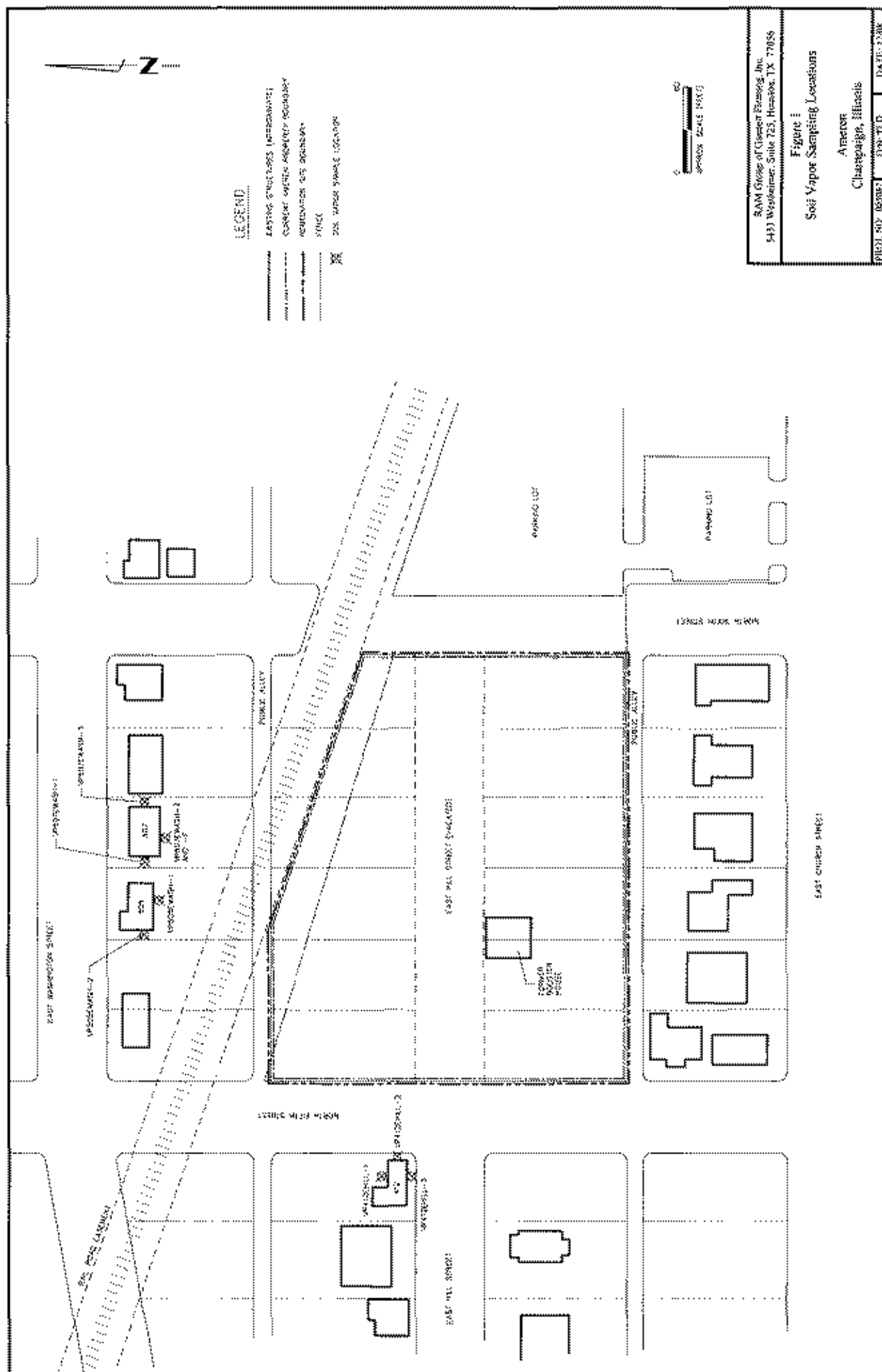
If you have any questions regarding Ameren's soil vapor sampling or this letter, please contact me at 314-554-2233.

Sincerely,

A handwritten signature in black ink that reads "Brian H. Martin". The signature is written in a cursive style with a large, stylized "B" and "M".

Brian H. Martin  
Consulting Environmental Scientist  
Ameren Environmental Services

Attachments: Figure 1 - Soil Vapor Sampling Locations  
Table 1 - Soil Vapor Data for Chemicals of Concern



**Table 1**  
**Soil Vapor Data for Chemicals of Concern (ug/m<sup>3</sup>)**  
**585 E Washington Street, Champaign, Illinois**

Chemical	CAS	Residential Tier 1 Soil Gas RO (ug/m <sup>3</sup> )	VP505EWASH-1	VP505EWASH-2
Benzene	71-43-2	41000	13	10
Toluene	108-88-3	140000000	210	200
Ethyl Benzene	100-41-4	59000000	50	50
m,p-Xylene	108-38-3/106-42-3	16000000*	190	200
o-Xylene	95-47-6	17000000	84	89
Styrene	100-42-5	34000000	<5.4	<5.4
Naphthalene	91-20-3	610000	<26	<26

Notes:

<: Reporting limit shown

\*: RO for p-xylene

RO: Remediation objective